



MANUAL OF PATENT EXAMINING PROCEDURE

PTO/SB/08 (2-92)

Sheet 1 of

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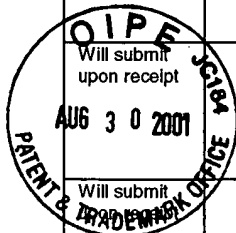
Form PTO-1449			Docket Number (Optional) 0994.00131		Application Number 09/847,134	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			Applicant Timothy J. Hoffman, et al.			
			Filing Date 05/02/01		Group Art Unit 1619	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
pg	4885363	12/5/89	Tweedle et al.	—	—	12/23/87
FOREIGN PATENT DOCUMENTS						
	DOCKET NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)						
Will submit upon receipt		Albert et al., (1991) Labeled Polypeptide Derivatives, Int'l Patent No. WO91/01144.				
Will submit upon receipt		Bjisterbosch, M.K., et al., (1995) Quarterly J. Nucl. Med. 39:4-19.				
Will submit upon receipt		Bushbaum, (1995) Pharmacokinetics of Antibodies and Their Radiolabels. In: Cancer Therapy with Radiolabeled Antibodies, (ed) D.M. Goldenberg, CRC Press, Boca Raton, Chapter 10, 115-140 FL.				
Will submit upon receipt		Cai et al., (1992) Peptides, 13:267.				
Will submit upon receipt		Cai et al., (1994) Proc. Natl. Acad. Sci., 91:12664.				
Will submit upon receipt		Coy et al., (1988) J. Biolog. Chem., 263(11), 5066.				
Will submit upon receipt		Cutler, C., Hu, F., Hoffman, T.J., Volkert, W.A., and Jurisson, S.S., "DOTA Bombesin Complexes with Sm-153 and NCA PM-149" The International Chemical Congress of Pacific Basin Societies, Pacificchem 2000, Honolulu, HI, December, 2000.				
Will submit upon receipt		Davis et al. (1992) Peptides, 13:401.				
Will submit upon receipt		De Jong et al., (1997) Eur. J. Nucl. Med., 24:368.				
Will submit upon receipt		Duncan et al., (1997) Cancer Res. 57:659.				
Will submit upon receipt		Eckelman (1995) Eur. J. Nucl. Med., 22:249.				
Will submit upon receipt		Eckelman et al., (1993) The design of site-directed radiopharmaceuticals for use in drug discovery. In: Nuclear Imaging in Drug Discovery, Development and Approval (eds) H.D. Burns et al., Birkhauser Publ. Inc., Boston, MA.				
Will submit upon receipt		Fischman et al., (1993) J. Nucl. Med., 33:2253.				
Will submit upon receipt		Foster, B., and Volkert, W.A., "111In/90Y Radiolabeled Peptides for Targeting Prostate Cancer; A Matched Pair Gastrin Releasing Peptide (GRP) Receptor Localizing Radiopharmaceutical", 48th Annual Meeting-Society of Nuclear Medicine, Toronto, Ontario, Canada, June 2001. (Accepted)				
Will submit upon receipt		Fritzberg et al., (1992) J. Nucl. Med., 33:394.				
Will submit upon receipt		Frizberg et al. (1995) Radiolabeling of antibodies for targeted diagnostics. In: Targeted Delivery of Imaging Agents (ed) V.P. Torchilin, CRC Press, Boca Raton, FL, pp. 84-101.				

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Will submit upon receipt	Gali, H., Hoffman, T.J., Owen, N.K., Sieckman, G.L., and Volkert, W.A., "In Vitro and In Vivo Evaluation of ¹¹¹ In-Labeled DOTA_8_Aoc_BBN[7_14]NH ₂ Conjugate for Specific Targeting of Tumors Expressing Gastrin Releasing Peptide (GRP) Receptors", 47th Annual Meeting - Society of Nuclear Medicine, St. Louis, MO, J Nucl. Med., 41(5), 119P, #471, 2000.
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Will submit upon receipt	Hoffken, (ed) (1994) Peptides in Oncology II, Springer-Verlag, Berlin-Heidelberg.
Will submit upon receipt	Hoffman, et al., (1997) Quarterly J. Nucl. Med. 41(2) Supp. #1, 5.
Will submit upon receipt	Hoffman, T.J. and Volkert, W.A. "Design of Radiolabeled Bombesin Analogs" Receptors 2000; DOE Sponsored Workshop (La Jolla, CA) April 17-18, 2000.
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Will submit upon receipt	Hoffman, T.J., Li, N., Sieckman, G., Higginbotham, C.A., and Volkert, W.A., "Evaluation of Radiolabeled (¹¹¹ In vs. Rh-105) Bombesin Analogue Internalization in Normal and Tumor Cell Lines", 10th International Symposium on Radiopharmacology, May, 1997; Quarterly J Nucl. Med., 41(2) Suppl#1, 5, 1997.
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Will submit upon receipt	Hoffman, T.J., Sieckman, G., Volkert, W.A., "Targeting Small Cell Lung Cancer Using Iodinated Peptide Analogs", 11th International Symposium on Radiopharmaceutical Chemistry, August, 1995; J. Label. Comp'd Radiopharm., 37:321-323, 1995.
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Will submit upon receipt	Hoffman, T.J., Simpson, S.D., Smith, C.J., Sieckman, G.L., Higginbotham, C., Volkert, W. and Thornback, J.R. "Accumulation and Retention of 99mTc-RP527 by GRP Receptor Expressing Tumors in SCID Mice", 46th Annual Meeting - Society of Nuclear Medicine, Los Angeles, CA, J. Nucl. Med., 40(5), 104P, 1999.
Will submit upon receipt	Hoffman, T.J., Simpson, S.D., Smith, C.J., Sieckman, G.L., Higginbotham, C., Eshima, D., Volkert, W. and Thornback, J.R. "Accumulation and Retention of 99mTc-RP591 by GRP Receptor Expressing Tumors in SCID Mice", Congress of the European Association of Nuclear Medicine, Barcelona, Spain, Eur. J. Nucl. Med., 26(9), 1157, #PS-420, September, 1999.
Will submit upon receipt	Hoffman, T.J., Smith, C.J., Gali, H., Owen, N.K., Sieckman, and Volkert, W.A., "In Vitro and In Vivo Evaluation of 111In/99mTc Radiolabeled Peptides for Specific Targeting of Tumors Expressing Gastrin Releasing Peptide (GRP) Receptors", 92nd Annual Meeting of the American Association for Cancer Research, New Orleans, LA. Proceedings of the American Association for Cancer Research, Vol. 42, 773, #4148, March 2001.
Will submit upon receipt	Hoffman, T.J., Smith, C.J., Gali, H., Owen, N.K., Sieckman, Hayes, D.L., and Volkert, W.A., "Development of a Diagnostic Radiopharmaceutical for Visualization of Primary and Metastatic Breast Cancer", 48th Annual Meeting-Society of Nuclear Medicine, Toronto, Ontario, Canada, June 2001. (Accepted)
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Will submit upon receipt	Hoffman, T.J., Smith, C.J., Sieckman, G.L., Owen, N.K., and Volkert, W.A., "Design, Synthesis, and Biological Evaluation of Novel Gastrin Releasing Peptide Receptor Targeting Radiopharmaceuticals" American Chemical Society Annual Meeting, August 2000, Washington, D.C.
Will submit upon receipt	Hoffman, T.J., Smith, C.J., Simpson, S.D., Sieckman, G.L., Higginbotham, C., Jimenez, H., Eshima, D., Thornback, J.R., and Volkert, W.A. "Targeting Gastrin Releasing Peptide Receptor (GRP-R) Expression in Prostate and Pancreatic Cancer Using Radiolabeled GRP Agonist Peptide Vectors", American Association for Cancer Research Annual Meeting, San Francisco, CA, Proceedings of the American Association for Cancer Research, Vol. 41, 529, #3374, April, 2000.
Will submit upon receipt	Hoffman, T.J., Smith, C.J., Simpson, S.D., Sieckman, G.L., Higginbotham, C., Jimenez, H., Eshima, D., Thornback, J.R., and Volkert, W.A., "Optimizing Pharmacokinetics of Tc-99m-GRP Receptor Targeting Peptides Using Multi-Amino Acid Linking Groups", 47th Annual Meeting - Society of Nuclear Medicine, St. Louis, MO, J. Nucl. Med., 41(5), 228P, #1013, 2000.
Will submit upon receipt	Jensen et al., (1993) Rec. Result. Cancer Res., 129:87.
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Will submit upon receipt	Katti, K.V., Gali, H., Schibli, R., Hoffman, T.J., and Volkert, W.A. "99mTc/Re Coordination Chemistry and Biomolecule Conjugation Strategy of a Novel Water Soluble Phosphine-Based Bifunctional Chelating Agent", Fifth International Symposium of Technetium in Chemistry and Nuclear Medicine, Bressanone, Italy, September, 1998.
Will submit upon receipt	Katti, K.V., Gali, H., Schibli, R., Hoffman, T.J., and Volkert, W.A. "99mTc/Re Coordination Chemistry and Biomolecule Conjugation Strategy of a Novel Water Soluble Phosphine-Based Bifunctional Chelating Agent", In Technetium, Rhenium and Other Metals in Chemistry and Nuclear Medicine (5), Ed. By M. Nicolini and U. Mazzi, Servizi Grafici Editoriali, Padova, pp. 93-100, 1999.
Will submit upon receipt	Kothari, K.K., Katti, K.V., Prabhu, K.R., Gali, H., Pillarsetty, N.K., Hoffman, T.J., Owen, N.K., and Volkert, W.A., "Development of a Diamido-Diphosphine (N2P2)-BFCA for Labeling Cancer Seeking Peptides via the 99mTc(1)(CO)3(H2O)3 Intermediate", 47th Annual Meeting - Society of Nuclear Medicine, St. Louis, MO, J.Nucl. Med., 41(5), 244P, #1079, 2000.
Will submit upon receipt	Krenning et al., (1994) Semin. Oncology, 5-14.
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Will submit upon receipt	Li, W.P., Ma, D.S., Higginbotham, C., Hoffman, T.J., Ketring, A.R., and
Will submit upon receipt	Lister-James et al. (1997) Quart. J. Nucl. Med., 41:111.
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Will submit upon receipt	Mattes, (1995) Pharmacokinetics of antibodies and their radiolabels. In: Cancer Therapy with Radiolabeled Antibodies (ed) D.M. Goldenberg, CRC Press, Boca Raton, FL
Will submit upon receipt	Moody et al., (1995) Life Sciences, 56(7), 521.
Will submit upon receipt	Moody et al., (1996) Peptides, 17(3), 1337.
Will submit upon receipt	Ning, Li, Hoffman, T.J., Sieckman, G.L., Ochrymowycz, L.A., Higginbotham, C., Struttman, M., Volkert, W.A., and Ketring, A.R., "In-vitro and In-vivo Characterization of a Rh-105-tetrathiamacrocycle Conjugate of a Bombesin Analogue", 43rd Annual Meeting - Society of Nuclear Medicine, June, 1996; J.Nucl. Med., 37(5), p61P, 1996.
Will submit upon receipt	Parker (1990) Chem. Soc. Rev., 19:271.
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Will submit upon receipt	Qin et al., (1994) J. Onc. Res. Clin. Oncol., 120:519.
Will submit upon receipt	Qin, Y. et al., (1994) Cancer Research 54: 1035-1041.
Will submit upon receipt	Reile, H. et al., (1994) Prostate 25: 29-38.
Will submit upon receipt	Schibli, R., Karra, S., Katti, K.V., Gali, H., Higginbotham, C., Sieckman, G., Hoffman, T.J., Volkert, W.A. "A Tc-99m-Dithia-Di(Bis-Hydroxy-methylene)Phosphine Conjugate of Bombesin: In Vitro and In Vivo Studies" 45th Annual Meeting - Society of Nuclear Medicine, June, 1998; J.Nucl. Med., 39(5), 225P, 1998.

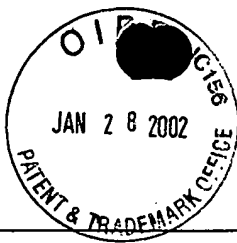
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Will submit upon receipt	Schubiger et al., (1996) Bioconj. Chem.
Will submit upon receipt	Seifert et al. (1998) Appl. Radiat. Isot., 49:5.
Will submit upon receipt	Smith et al., (1997) Nucl. Med. Biol., 24:685.
Will submit upon receipt	Smith, C.J., Hoffman, T.J., Gali, H., Hayes, D.L., Owen, N.K., Sieckman, G.L., and Volkert, W.A., "Radiochemical Investigations of 177Lu-DOTA-8-Aoc-BBN(7-14)NH ₂ : A New Gastrin Releasing Peptide Receptor (GRPr) Targeting Radiopharmaceutical", J. Labeled Compounds and Radiopharmaceuticals (Accepted), 2001
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Will submit upon receipt	Smythe, E. et al., (1991) Eur. J. Biochem. 202: 689-699.
Will submit upon receipt	Troutner (1987) Nucl. Med. Biol., 14:171.
Will submit upon receipt	Vallabhajosula et al., (1996) J. Nucl. Med., 37:1016.
Will submit upon receipt	Volkert, W.A. "Rh-105 Bombesin Analogs: Selective In Vivo Targeting of Prostate Cancer with a Therapeutic Radionuclide", 45th Annual Meeting - Society of Nuclear Medicine, June 1998; J.Nucl. Med., 39(6), 222P, 1998.
Will submit upon receipt	Volkert, W.A., and Hoffman, T.J. "Design and Development of Receptor-avid Peptide Conjugates for In Vivo Targeting of Cancer", In Biomedical Imaging: Reporters, Dyes, and Instrumentation, Ed by D.J. Bornhop, C.H. Contag, and E.M. Seivick_Muraca, Proceedings of SPIE Vol. 3600, 86-98, 1999.
Will submit upon receipt	Volkert, W.A., Gali, H-P, Hoffman, T.J., Owen, N.K., Sieckman, G.L., and Smith, C.J., "111In/90Y Labeled GRP Analogs: A Structure-Activity Relationship", The International Chemical Congress of Pacific Basin Societies, Pacificchem 2000,, Honolulu, HI, December, 2000.
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Will submit upon receipt	Wilbur (1992) Bioconj. Chem., 3:433.
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Will submit upon receipt	Zhu, W-Y. et al., (1991) Am. J. Physiol. 261: G57-64.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



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Sheet 1 of 1

Form PTO-1449

SUPPLEMENTAL INFORMATION
DISCLOSURE CITATION IN AN
APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
0994.00131Application Number
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Timothy J. Hoffman, et al.Filing Date
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Duplicate	4885363	12/5/89	Tweedle et al.	—	—	12/23/87

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						YES	
DD	WO 91/01144	07.02.91	PCT	—	—	X	
DD	WO 96/03427	08.02.96	PCT	—	—	X	

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

DD	Bjisterbosch, M.K., et al., Selective Drug Delivery by Means of Receptor-Mediated Endocytosis, (1995) Quarterly J. Nucl. Med. 39:4-19.
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	Cai et al., Pseudononapeptide Bombesin Antagonists Containing C-Terminal Trp or Tpi, (1992) Peptides, 13:267-271.
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	Eckelman et al., (1993) The design of site-directed radiopharmaceuticals for use in drug discovery. In: Nuclear Imaging in Drug Discovery, Development and Approval (eds) H.D. Burns et al., Birkhauser Publ. Inc., Boston, MA.
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